



# PROSENSO™ BIODEGRADABLE

## PRODUCT DESCRIPTION

**PROSENSO™ BIODEGRADABLE GLOVES.** Specially designed to biodegrade in landfill through microbial process. Our cutting edge biodegradable nitrile gloves are also accelerator free and conforms to all the specifications and certifications you would require for a high quality nitrile glove.

<b>Article number:</b>	<b>EWBIO4M-XS, EWBIO4M-S, EWBIO4M-M, EWBIO4M-L, EWBIO4M-XL</b>
------------------------	--

## BIOCOMPATIBILITY TESTED

<b>Reference:</b>	ISO 10993-10
<b>Primary Skin Irritation:</b>	Passed
<b>Skin Sensitization:</b>	Passed

## BIODEGRADABILITY TESTED

<b>Reference:</b>	ASTM D5511
<b>Biodegradable % at (513 days)</b>	43.0 (Test result)
<b>Result:</b>	Passed

## CHARACTERISTICS

			Thickness - single wall		
All sizes:	Length* min. 240mm		Cuff 0,06±0,02mm	Palm 0,07±0,02mm	Finger 0,09±0,02mm
	XS 76±3mm	S 84±3mm	M 94±3mm	L 105±3mm	XL 113±3mm
Palm width:	XS 72±3mm	S 75±3mm	M 84±3mm	L 86±3mm	XL 88±3mm
Middle finger:	XS 72±3mm	S 75±3mm	M 84±3mm	L 86±3mm	XL 88±3mm

*\*in accordance to EN 455-2*

## DESIGN

<b>Material:</b>	Nitrile	<b>Color:</b>	Pastel green
<b>Powder:</b>	Powder-free	<b>External surface:</b>	Finger-textured
<b>Shape:</b>	Ambidextrous	<b>Protein content:</b>	n/d
<b>Cuff:</b>	Beaded cuff	<b>Sterilization:</b>	Non-sterile

## PHYSICAL PROPERTIES

<b>Force at break:</b>	<b>Before Aging:</b> Minimum 6N	<b>Force at break:</b>	<b>After Aging:</b> Minimum 6N
<b>Elongation:</b>	Minimum 500%	<b>Elongation:</b>	Minimum 400%
<b>AQL:</b>	1.5		

# PROSENSO™ BIODEGRADABLE

## HEAVY METAL TESTED

<b>Reference:</b>	EPA Method 3052
<b>Cadmium (Cd):</b>	Not Detected
<b>Lead (Pb):</b>	Not Detected
<b>Mercury (Hg):</b>	Not Detected
<b>Arsenic (As):</b>	Not Detected
<b>Antimony (Sb):</b>	Not Detected
<b>Tin (Sm):</b>	Not Detected

## CHEMICAL RESIDUE TESTED

<b>BHA:</b>	Not Detected
<b>BHT:</b>	Not Detected
<b>DPTU</b>	Not Detected
<b>ZMBT:</b>	Not Detected
<b>TMTD:</b>	Not Detected
<b>ZDBC:</b>	Not Detected
<b>ZDEC:</b>	Not Detected
<b>ZDMC:</b>	Not Detected
<b>ZMBI:</b>	Not Detected
<b>ZPMC:</b>	Not Detected

## ACCELERATOR FREE TESTED

<b>Reference:</b>	ASTM D7558-09
<b>Total Thiol Vulcanization:</b>	Not Detected
<b>Result:</b>	Passed

## VIRAL PENETRATION TESTED

<b>Reference:</b>	ASTM F1671
<b>Result</b>	Passed

## LOGISTIC DATA

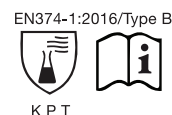
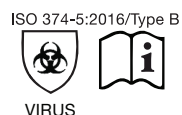
<b>Gloves in dispenser:</b>	100 gloves	<b>Gloves in carton:</b>	10 x 100 gloves
<b>Dispenser dimension:</b>	20 x 11 x 7 cm	<b>Carton dimension:</b>	36 x 23 x 21 cm
<b>Shelf life:</b>	3 years		

**Storage:** Store in original packaging in a dry and dark place at room temperature. Protect from heat, humidity, bright light and ozone.

# TECHNICAL DATA SHEET

## QUALITY MANAGEMENT

<b>Product related standards:</b>	EN ISO 374-1:2016 / Type B   EN 374-2:2003   EN 374-4:2013   EN374-3:2003   EN 374-5:2016 VIRUS   EN 16523-06:2017  EN 420:2003+A1:2009   EN 455-1:2000   EN 455-2:2009   EN 455-3:2006   EN 455-4:2009
<b>Quality certificates:</b>	ISO 9001:2015 ISO 13485:2016
<b>Food safety:</b>	Suitable for foodstuffs in accordance to Framework Regulation (EC) No 1935/2004 German Food and Feed Code (LFGB) Recommendation of the German Federal Institute for Risk Assessment (BfR XXI) Category 3 "For short contact with foodstuffs"
<b>Medical Device:</b>	Medical Device, Class 1, in accordance to MDR 2017/745
<b>PPE:</b>	Personal protective equipment in accordance to Regulation (EU) 2016/425 CE Category III: For irreversible or mortal risks



### PLEASE NOTICE:

Glove length is appropriate to the use where the risk is minimal to the wrist area.

### Usage:

The product needs to be checked for the correct size and suitability with regard to its intended use. Before use check for damage and do not use damaged or unsuitable gloves. The gloves are intended for single use only and shall be disposed on a regular basis.

### Caution:

The product may cause allergic reactions on sensitive people. Particular caution must be exercised if the user has any known or suspected hypersensitivity.

The information above are to be considered as typical values in the standard version based on the manufacturer's information. Subject to modification. The gloves shall only be used for its intended purpose.

### Technical data sheet issued by:

Eastwest Medico Aps  
Gotfred Rodes Vej 2  
2920 Charlottenlund  
Denmark

### Production:

Produced in Malaysia for  
PROSENSO™/Eastwest  
Medico Ltd., Denmark.

